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**Adamisin**(10) **Pub. No.: US 2017/0033567 A1**(43) **Pub. Date: Feb. 2, 2017**(54) **CHARGING APPARATUS FOR WEARABLE  
ELECTRONIC DEVICE**(52) **U.S. Cl.**CPC ..... *H02J 5/005* (2013.01); *H02J 7/025*  
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(57)

**ABSTRACT**

A wearable power apparatus for a wearable electronic device includes one or more conductors, one or more batteries connected to the conductor, and/or an inductive coil that attaches to the wearable electronic device to inductively transmit power from the battery to the wearable electronic device, such as while the wearable electronic device is worn. The power apparatus may have attachment mechanisms that attach to a band coupled to the wearable electronic device. Alternatively or additionally, the power apparatus may be at least partially embedded within the band. The inductive coil may also receive power for the battery from another inductive coil. The battery may include one or more connectors that power to (and/or receiving power from) one or more other electronic devices.

